

Converting Colors

YUV(218.3740, -13.9884,
6.6880)

Have a look what the booklet for
YUV(218.3740, -13.9884, 6.6880)
contains.

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Color

**YUV(218.3740, -13.9884,
6.6880)**

Conversions

Conversions Part 1

Format	Color
Hex	E2DCBE
RGB	226, 220, 190
RGB Percent	89%, 86%, 75%
CMY	0.1137, 0.1373, 0.2549
CMYK	0.00, 0.03, 0.16, 0.11
HSL	50°, 38%, 82%
HSV	50°, 16%, 89%
XYZ	66.2515, 71.0729, 58.9418
YIQ	218.3740, 13.2060, -8.0580

Conversions

Conversions Part 2

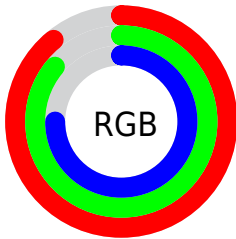
Format	Color
RYB	197, 226, 190
Decimal	14867646
CIELab	87.52, -2.88, 15.48
CIELCh	88, 15.751, 100.548
Yxy	71.0729, 0.3376, 0.3621
Android (android.graphics.Color)	4293057726 (0xFFE2DCBE)
YUV	218.3740, -13.9884, 6.6880
Hunter-Lab	84.3047, -7.2577, 17.5606

Details

The YUV color **218.3740, -13.9884, 6.6880** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **197.6260, 13.9884, -6.6880**, and the grayscale version is **218.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **253.9740, -3.9312, 0.8998**, and **163.3030, -12.9674, 5.8733** is the 20% darker color. If you saturate the color by 10%, you get **213.4040, -22.8772, 11.0467**, and if you desaturate by 10%, it is **223.3440, -5.0996, 2.3293**.

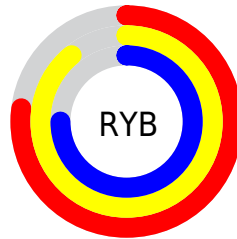
Distribution



Red (89%)

Green (86%)

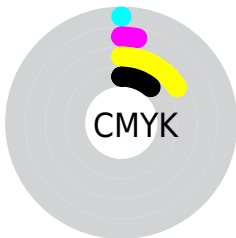
Blue (75%)



Red (77%)

Yellow (89%)

Blue (75%)

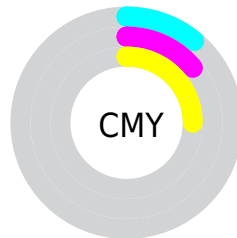


Cyan (0%)

Magenta (3%)

Yellow (16%)

Black (11%)



Cyan (11%)

Magenta (14%)

Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the YUV color 218.3740, -13.9884, 6.6880 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the YUV color 218.3740, -13.9884, 6.6880 by changing the saturation by 10% instead.

■ 218.3740,
-13.9884, 6.6880

■ 218.3740,
-13.9884, 6.6880

255.0000, 0.0000,
0.0000

■ 190.4880,
-13.5516, 6.5880

■ 253.9740, -3.9312,
0.8998

■ 163.3030,
-12.9674, 5.8733

■ 137.3030,
-12.9674, 5.8733

■ 111.5310,
-12.0938, 5.6733

■ 87.2320, -11.9464,
5.0585

■ 64.0470, -11.3622,
4.3438

■ 41.8620, -10.7780,

3.6290

■ 21.2750, -10.4886,
4.1438

■ 0.0000, 0.0000,
0.0000

■ 218.3740,
-13.9884, 6.6880

■ 218.3740,
-13.9884, 6.6880

■ 213.4040,
-22.8772, 11.0467

■ 223.3440, -5.0996,
2.3293

■ 208.5480,
-31.3292, 15.3054

■ 228.2000, 3.3524,
-1.9294

■ 204.1650,
-40.5073, 19.1493

■ 232.2410, 11.2202,
-5.4734

■ 199.3090,
-48.9593, 23.4080

■ 234.5890, 10.0626,
-7.5326

■ 194.3390,
-57.8481, 27.7667

■ 236.9370, 8.9051,
-9.5917

■ 189.3690,
-66.7369, 32.1254

■ 239.2850, 7.7475,
-11.6509

■ 185.1000,
-75.4783, 35.8693

■ 241.0460, 6.8793,
-13.1953

■ 180.1300,
-84.3671, 40.2280

■ 243.3940, 5.7218,
-15.2545

■ 177.9300,
-87.7195, 42.1574

■ 245.7420, 4.5642,
-17.3137

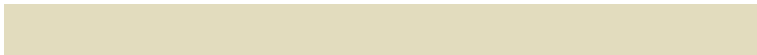
Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



220.1520, -13.8789, 18.2837



218.3740, -13.9884, 6.6880



216.3230, -10.0192, -6.4223

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



218.3740, -13.9884, 6.6880



214.7990, 11.4381, -28.7647



222.4460, 3.7241, 18.9029

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



218.3740, -13.9884, 6.6880



197.6260, 13.9884, -6.6880

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



221.6770, 10.0192, 6.4223



218.3740, -13.9884, 6.6880



217.0540, 14.7634, -21.9724

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



218.3740, -13.9884, 6.6880



214.0890, 4.8861, -27.2651



219.7290, 14.4306, -8.5323



222.1280, -4.0071, 25.3207

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



218.3740, -13.9884, 6.6880



215.7070, -5.7716, -15.5290



219.7290, 14.4306, -8.5323



221.9940, 5.9190, 14.9143

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



218.3740, -13.9884, 6.6880



252.3440, -5.0996, 2.3293



201.4480, -2.6859, 21.5321



125.9140, -2.9156, 1.8294



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



218.3740, -13.9884, 6.6880



244.8320, -18.6512, 8.9173



218.3080, -13.9558, -3.7781



109.5720, -4.2260, 2.1294



138.9130, -68.4841, 32.5253



37.8320, -18.6512, 8.9173

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



197.6260, 13.9884, -6.6880



217.1680, 18.6512, -8.9173



197.6920, 13.9558, 3.7781



103.4280, 4.2260, -2.1294



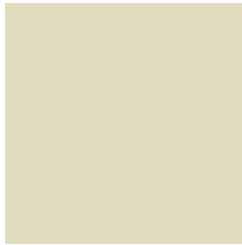
37.0870, 68.4841, -32.5253



10.1680, 18.6512, -8.9173

Previews

White Background



This preview shows how the YUV color 218.3740, -13.9884, 6.6880 looks on a white background.

Color Contrast Check

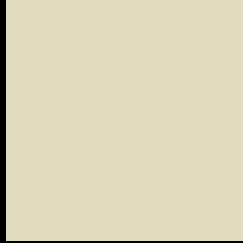
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 218.3740, -13.9884, 6.6880 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

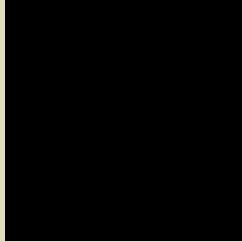
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

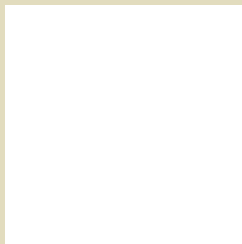
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 218.3740, -13.9884, 6.6880

Background



This preview shows how black text looks on a background with the YUV color 218.3740, -13.9884, 6.6880.



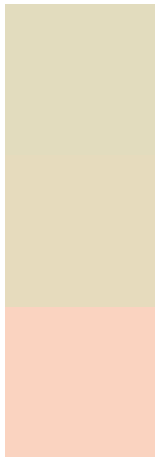
This preview shows how white text looks on a background with the YUV color 218.3740, -13.9884, 6.6880.

6.6880.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

218.3740, -13.9884, 6.6880

Protanopia

218.8690, -14.7254, 9.7619

Deuteranopia

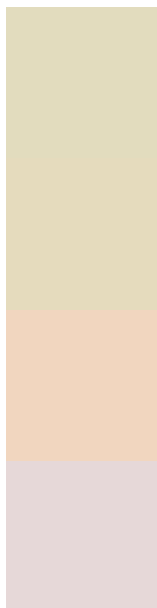
220.4950, -14.0480, 25.8759



Tritanopia

221.3200, 4.7722, 9.3664

Trichromacy



Original Color

218.3740, -13.9884, 6.6880

Protanomaly

218.5700, -14.5780, 9.1471

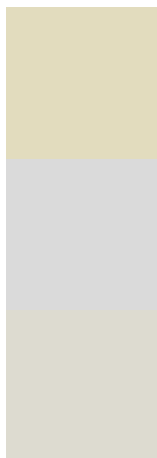
Deuteranomaly

219.4510, -14.0263, 18.8985

Tritanomaly

220.1860, -2.0637, 8.6069

Monochromacy



Original Color

218.3740, -13.9884, 6.6880

Achromatopsia

218.0000, 0.0000, 0.0000

Achromatomaly

218.3440, -5.0996, 2.3293

CSS Examples

Text

The CSS property to change the color of the text to YUV 218.3740, -13.9884, 6.6880 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(226, 220, 190)` looks like.

```
.text, #text, p{  
    color:rgb(226, 220, 190)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(226, 220, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 220, 190) }
```

Border

The CSS property to change the border of an element to YUV 218.3740, -13.9884, 6.6880 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(226, 220, 190) }
```


If only the border color should be changed use the property border-color.

```
.border{ border-color:rgb(226, 220, 190) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel rgb(226, 220, 190) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 220, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 220, 190);  
box-shadow:4px 4px 4px 4px rgb(226, 220,  
190) }
```

Background

The CSS property to change the background color of an element to YUV 218.3740, -13.9884, 6.6880 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 220, 190) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(226,  
220, 190) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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